

Title: System Performance		Test Case: SWSI-PERF-001	
Prerequisite: None		Estimated Run Time: 4 Hours	
Test Requirements: 4.6.2, 4.6.3a, 4.6.3b		Written by: Tom Sardella	
Objective: The SWSI shall ensure that up to fifty simultaneous users may be supported and that the server responds within 10 seconds to a request.			
Support Requirements: SWSI, ANCC, DASCON			
Requirements Sources:			
Step #	Action/Command	Date/Time	Successful Y/N
1.	Initialize SWSI database with 25 different user accounts. On two separate client workstations with at least 512 MB RAM each, configure for 25 different instances of the Client software. Run all instances and log into the server. Verify that the login process completes for all of them. Select a small sample (5-10) of instances and verify that the Schedule Request Summary panel can be opened and displayed.		
2.	From one of the running Client instances, submit a SAR. Check the SNIF log to determine the receipt time of an SRM at the SWSI server. Compare this with the receipt time of the alert at the Client application and ensure that it is less than ten seconds.		
3.	From one of the running Client instances, submit a RAR. Check the SDIF log to determine the receipt time of the RAR response at the SWSI server. Compare this with the receipt time of the alert at the Client application and ensure that it is less than ten seconds.		
4.	From one of the running Client instances, select an entry from the Schedule Request Summary panel and perform a View. Record the time between pressing the button and receiving the response and ensure that it is less than ten seconds.		
5.	From one of the running Client instances, select an entry from the Active Schedule Summary panel and perform a Display Services. Record the time between pressing the button and receiving the response and ensure that it is less than ten seconds.		